

What is claimed is:

1. A door stop for preventing door hardware on a pivotally mounted door from contacting a room wall when the door is swung to its open condition, said door stop comprising a base of generally U-shape with a pair of upwardly extending vertical walls interconnected by a bottom wall for fitting around and being mounted to the bottom of the door, a spacing member secured to one of said vertical walls and extending outwardly from said one vertical wall, said spacing member having an anchor end secured to said one vertical wall and a free end remote from said one vertical wall, and a contact tip at said free end.
2. The stop of claim 1 wherein said free end of said spacing member is capable of magnetic attraction to a magnet.
3. The stop of claim 1 wherein said contact tip is made of a cushioned material.
4. The stop of claim 3 wherein said contact tip is detachably snapped onto said free end.

5. The stop of claim 1 wherein said contact tip extends outwardly generally perpendicularly to said spacing member.

6. The stop of claim 1 wherein said one vertical wall is resilient.

7. The stop of claim 6 wherein said one vertical wall has an inwardly bowed portion.

8. The stop of claim 7 wherein said inwardly bowed portion is at an intermediate location of said one vertical wall.

9. The stop of claim 8 wherein the distance between said bowed portion and the other of said vertical walls is less than $1 \frac{3}{8}$ and the distance between said one vertical wall and said other vertical wall at another location of said base is greater than $1 \frac{3}{8}$.

10. The stop of claim 1 including a hole mounted in said base for permitting said stop to be hung during a period of non-use.

11. The stop of claim 10 wherein said hole is located in said bottom wall.

12. The stop of claim 1 wherein said base is made of a flat metal material and said spacing member is made of a round metal shaft welded to said base.

13. The stop of claim 1 wherein said base and said spacing member are integral with each other and made from a single metal piece.

14. The stop of claim 1 in combination with a door having sides and a bottom edge and with door hardware extending from at least one of said sides, and said base being mounted around said bottom edge.

15. The stop of claim 14 in further combination with a room wall, and a magnet mounted on said room wall in the path of motion of said spacing member.

16. The stop of claim 14 wherein said door hardware includes a doorknob spaced from said wall of said door a lesser distance than the length of said spacing member.

17. A method of preventing door hardware on a pivotally mounted door from contacting a room wall when the door is swung to an open condition,

5 said method including slidably mounting a U-shaped base around the bottom of the door, providing a spacing member on one wall of the U-shaped base disposed toward the room wall with the spacing member having a length greater than the distance the door hardware extends from the door, and contacting the free end of the spacing member with the room wall when the door is swung open to prevent the door hardware from contacting the room wall.

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18. The method of claim 17 including mounting a magnet to the room wall, and magnetically attracting and holding the spacing member against the magnet when the spacing member contacts the magnet.

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